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ABSTRACT

This directory provides a listing of computer training institutions, computer associations, and computer publications in 14 nations of Asia and the Pacific Region. The listing of 70 training institutions provides contact information and details on programs, research, and major innovations for each institution. The listing of 15 computer publications includes contact information and a description of the publication, as well as recent and recommended articles about computer uses in education. The listing of five computer associations gives contact information and a description of each association's purposes, programs, membership qualifications, and available scholarships. (EW)

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COMPUTERS IN EDUCATION

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R

(Directories)
371.394 45

COMPUTERS IN EDUCATION

INVENTORY OF TRAINING INSTITUTIONS, PUBLICATIONS, SOCIETIES IN ASIA AND THE PACIFIC

Australia
Bangladesh
China
Fiji
Hong Kong
India
Malaysia
New Zealand
Papua New Guinea
Philippines
Republic of Korea
Singapore
Sri Lanka
Thailand

APEID

ASIA AND THE PACIFIC PROGRAMME
OF EDUCATIONAL INNOVATION
FOR DEVELOPMENT

UNESCO

UNESCO REGIONAL OFFICE FOR EDUCATION
IN ASIA AND THE PACIFIC
BANGKOK, 1986

The Third Asian Seminar on Educational Technology was held in the context of the Third Programming Cycle of APEID at the Tokyo Gakugei University, Japan, from 26 September to 2 October 1984. The Seminar was organized jointly by the Japan Council of Educational Technology Centres and UNESCO.

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BKA/86/M/498-500

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INTRODUCTION

In the context of APEID, the Japan Council of Educational Technology Centres has organized several Asian Seminars on the application of educational technology. The Third Asian Seminar on Educational Technology, held during the Third Programming Cycle of APEID activities, took place in Tokyo from 26 September - 2 October 1984, serving as a consultation meeting for specialists in the application of computers in education, with reference to Resolution No. 4.1 adopted by the General Conference of UNESCO at its Twenty-second Session (Reflection on world problems and future-oriented studies.)

Under the heading 'Exchange of information and experiences', (Chapter Five, page 72, of the Final Report of the Seminar*), it was recommended that a directory should be compiled comprising (a) computer training institutions; (b) computer associations; and (c) computer publications in the Asia and Pacific region. The material was to be submitted to APEID, UNESCO Regional Office for Education in Asia and the Pacific, for publication.

Thanks to the efforts of the participants of the Seminar, the UNESCO Regional Office, Bangkok was able to publish the Inventory for the first time in 1985. In this first inventory, nine countries were represented. It is noted with great pleasure, that not only have more entries been received from these nine countries, as well as numerous corrections and additional information to earlier submitted entries, but a further five countries have sent entries for the 1986 edition. This brings the number of countries represented in the Inventory up to 14.

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*APEID. Computers in Education. Final Report of the Third Asian Seminar on Educational Technology in Tokyo, Japan, 26 September - 2 October 1984. 99 p.

Improvements in the Inventory have thus far been made possible by the users, a trend which it is hoped will continue. Entries already listed, and any other similar insitutions, societies, or publications are invited to submit details, following the format of this Inventory, for inclusion in the next edition, due for publication in November 1987. Specifications for preparing such information are given in Annex A.

The entries submitted for inclusion should be addressed to:

ACEID
Unesco Regional Office for Education in
Asia and the Pacific
Box 1425, General Post Office
BANGKOK 10501
Thailand

Suggestions for the improvement of the format of the Inventory or the information contained in it are welcome, and should also be sent to the above address.

TRAINING INSTITUTIONS

AUSTRALIA

Angle Park Computing Centre

Address

Cowan Street
ANGLE PARK
South Australia 5011
Australia

Cable:

Telex:

Telephone: (08) 2685666

Director: Principal

Contact: Mr. David Shires

Function

R & D of schools computing, professional training of teachers

Programme

Seminars and conferences, special interest groups

Level

Inservice education

Entry Qualification

N/A

Duration

Various short term

End Qualification

NIL

Scholarships Available

NIL

Working Language

English

Fee

N/A

Publications

Range of booklets,
many software packages

Research

Future Plans

Concentration on R & D work

Available Expertise

All aspects of schools computing

Major Innovations

Software development. Teacher training methods

AUSTRALIA

Armidale College of Advanced Education

Address

ARMIDALE
NSW 2350
Australia

Cable: As above

Telex: Nil

Telephone: (067)734275 & 734210

Director: Dr Graham MacKay

Contact: The Principal, Dr Terry Field

Function

Computer education

Programme

Opportunity for elementary and secondary school teachers to specialize in c education; instruction, curriculum, creativity and administration

Level

Postgraduate (PG1)

Entry Qualification

Qualified teachers and others with degree or diploma; also special entry

Duration

Two to five years

End Qualification

Graduate Diploma in Professional Studies (Professional Development)

Scholarships Available

Nil

Working Language

English

Fee

Union fees (plus Australian Government fees for overseas students)

Publications

Research

Future Plans

Extension in pre-service teacher training and in basic nursing

Available Expertise

Teaching consultants in c education

Major Innovations

Program not only c education; allows students continue/take options; helps primary teachers

AUSTRALIA

Brisbane College of Advanced Education

Address

Kelvin Grove Campus
Victoria Park Road
KELVIN GROVE Q 4059
Australia

Cable: BRISCAE

Telex: cabcae 145355

Telephone: (07) 3528111

Director: Dr. P. B. Botsman

Contact: Campus Principal G. J. Jones

Function

Teacher training

Programme

Dev. knowledge skills, attitudes needed to exploit intelligently the potential of computers in education, understanding and teaching computing principles

Level

Graduate and postgraduate

Entry Qualification

Approp. degree diploma or equiv. experience - min. one year teaching

Duration

Min. two years part time

End Qualification

Graduate diploma in computer education

Scholarships Available

Working Language

English

Fee

Publications

Research

Future Plans

Available Expertise

Major Innovations

AUSTRALIA

Centre for Behavioural Studies in Education

Address

University of New England
ARMIDALE, NSW 2351
Australia

Cable:

Telex:

Telephone:

Director: Professor D. Fitzgerald

Contact: Professor D. Fitzgerald

Function

Computer education

Programme

Research: Cross cultural studies, a wide range of psych. social psych. & sociol. areas, research methods & c applications

Level

Postgraduate

Entry Qualification

First degree

Duration

End Qualification

M Ed; Ph D

Scholarships Available

Working Language

English

Fee

Publications

Research

Research facilities for on-campus c, private study space, group study space

Future Plans

Available Expertise

Major Innovations

AUSTRALIA

Centre for Education

Address

University of Tasmania
G P O Box 252C
HOBART 7001
Australia

Cable:

Telex:

Telephone:

Director:

Contact: Dr Wayne Ransley

Function

Computer training

Programme

Core: Foundations for c in Ed; c across curriculum; c in specific Ed areas
Opt: Management of c resources in Ed; c & individual differences; Programming; Special projects

Level

Diploma

Entry Qualification

Degree + 2 years full-time teaching experience

Duration

2 - 4 years part-time

End Qualification

Dip Ed Studies (Computers in Education)

Scholarships Available

Working Language

English

Fee

Publications

Research

Future Plans

Available Expertise

Major Innovations

Provides teachers with wide range of skills/knowledge to become resource persons in ed use of c

AUSTRALIA

Computer Education Unit

Address

PO Box 16
ERSKINVILLE
NSW 2043
Australia

Cable:

Telex: AA23192

Telephone: (02)519-4599

Director: Dr I.G. Pirie

Contact: Dr I.G.Pirie

Function

Supports all aspects of c education in the government school system

Programme

Level

Entry Qualification

Duration

End Qualification

Scholarships Available

Working Language

English

Fee

Publications

Computed - newsletter, 6 issues per year.
An evaluator's guide to educational software and related material.
A number of inservice modules.

Research

Investigation into the use of electronic information systems in ed.

Future Plans

Available Expertise

Curriculum dev; prof. dev; software dev & evaluation; info services; special needs/ed.

Major Innovations

Dev of curriculum statements. Participation of girls in c. Using c in special ed. Softw dev & eval.

AUSTRALIA

Computer Sciences Laboratory

Address

Research School of Physical Sciences
Australian National University
GPO Box 4
CANBERRA
ACT 2600
Australia

Cable:

Telex: AA62615 RPHYS

Telephone: (062) 492467

Director: Dr I. MacLeod

Contact: Dr I. MacLeod

Function

Research into c-based education

Programme

Ph D

Level

Postgraduate

Entry Qualification

Bachelors degree with honours, or Masters degree

Duration

3 - 4 years

End Qualification

Ph D

Scholarships Available

ANU, Commonwealth Postgraduate Research Awards

Working Language

English

Fee

Publications

Numerous journal articles and conference papers

Research

Current research covers application of c techniques to enhance development of skills such as reading, handwriting and creative writing

Future Plans

Use improving c technology to increase sophistication/effectiveness of c-based exercises

Available Expertise

Expertise of laboratory members covers such diverse fields as computing, engineering and psychology

Major Innovations

C-based exercises to develop handwriting/higher-level reading skills -interactive Cloze procedure

AUSTRALIA

Darling Downs Institute of Advanced Education

Address

PO Darling Heights
TOOWOOMBA 4350
Australia

Cable:

Telex: aa 40010

Telephone: 076301300

Director: Dr Lindsay Barker

Contact: Mr James C. Taylor

Function

C-managed learning/Interactive videodisc applications

Programme

Units contributing to awards in Business Studies, Applied Science, Arts, Education, Engineering

Level

Tertiary

Entry Qualification

Appropriate Queensland Tertiary Entrance Score (or equivalent)

Duration

Two, three or four years internal; six or seven years external

---

End Qualification

B Bus; B Ed; Grad Dip (Ed Admin); Assoc Dip Asian Studies and others

Scholarships Available

N/A

Working Language

English

Fee

N/A

Publications

Five papers for workshops and conferences held in Australia and New Zealand in 1984 dealing with computer managed learing and videodisc.

Research

Future Plans

Expand c-managed learning system.Developing interactive videodisc:'The integrated marketing mix'; B Bus studies

Available Expertise

Instructional design

Major Innovations

C-managed learning in distance ed. based on microcomputers used in Qld; interactive videodisc

AUSTRALIA

Dept of Psychology, School of Behavioural Sciences

Address

La Trobe University
BUDOORA
Vic 3052
Australia

Cable: LA TROBE MELBOURNE

Telex: AA33143

Telephone: (03) 478 3122

Director: Dr G.D. Cumming

Contact: (a)Dr D. Woodhouse;(b)Dr Tony Jones

Function

Research in computer education

Programme

Regular undergraduate psychology courses incorporate substantial computer use. NOTE that names of contact persons are for courses in (a) mathematics & (b) education

Level

Undergraduate

Entry Qualification

Duration

End Qualification

Scholarships Available

Working Language

English

Fee

N/A

Publications

Variety of research papers

Research

(a) Use of c-assisted instruction to help teach reading
(b) use of logic programming (Prolog) in education

Future Plans

Expansion of (a) and (b)

Available Expertise

Available in reading, psychology and computing

Major Innovations

Integration of theory and practice in (a) above

AUSTRALIA

Elizabeth Computer Centre

Address

Cnr. Warwick and Murray Streets
HOBART
Tas 7000
Australia

Cable:

Telex:

Telephone:

Director: Mr R. McShane

Contact:

Function

Programme

Professional development of teachers, professional development of key personnel, curriculum guidelines, software acquisition, software distribution, information distribution

Level

Entry Qualification

Duration

End Qualification

Scholarships Available

Working Language

Fee

Publications

Classroom c

Research

Use of c in primary & secondary schools

Future Plans

Available Expertise

Major Innovations

State-wide network of c. Trialling micro-c-based software.
Integration micro-c & inf.access networks

AUSTRALIA

Faculty of Education

Address

Western Australian Institute of Technology
BENTLEY
WA 6102
Australia

Cable:

Telex:

Telephone:

Director: Dr John H. Lake

Contact: Dr Barry J. Fraser

Function

Research & teaching in educational computing

Programme

Research: Curriculum studies; Educational technology; Educational c; Social science education
Teaching: As above

Level

Graduate; Postgraduate

Entry Qualification

Duration

End Qualification

M Ed; Grad Dip in Curriculum & Ed Tech

Scholarships Available

Working Language

English

Fee

On-campus accommodation $30 single

Publications

Research

Areas described above
Facilities for on-campus c; private/group study space; curriculum resources; Media & Ed Skills Centres

Future Plans

Available Expertise

Major Innovations

AUSTRALIA

Mathematics Education Unit

Address

New South Wales Institute of Technology
PO Box 123
BROADWAY, NSW 2007
Australia

Cable: INSTECH

Telex: AA75004

Telephone: 20930

Director: Dr A.G. Shannon

Contact: Dr A.G. Shannon

Function

Computer education

Programme

Mathematics degree with major in c (level 1 accreditation from Australian C Society)

Level

Undergraduate

Entry Qualification

NSW High School Certificate or equivalent

Duration

3 years full-time

End Qualification

B App Sc (Mathematics)

Scholarships Available

Working Language

English

Fee

Publications

List available from above

Research

i) Integration of mathematics and C
ii) C assisted instruction

Future Plans

Development of relevant teacher education courses

Available Expertise

Fortran, Basic, Pascal, APL, Cobol languages; c & information systems

Major Innovations

Degree majoring in c & one of operations research, statistics, modern or physical applied mathematics

AUSTRALIA

Nepean College of Advanced Education

Address

P O Box 10
KINGSWOOD
NSW 2750
Australia

Cable: N/A

Telex: N/A

Telephone: (047) 360 222

Director: Mr P. Inman

Contact: Student Administration Office

Function

Computer education

Programme

Graduate Diploma in Educational Technology introduced in 1984

Level

Postgraduate (PG1)

Entry Qualification

Degree + 1 year's experience in appropriate educational context

Duration

2-year part-time; 1-year full-time

End Qualification

Graduate Diploma in Educational Technology (Grad Dip Ed Tech)

Scholarships Available

N/A

Working Language

English

Fee

Nil. Fees presently under review by Australian Government

Publications

Research

Future Plans

Available Expertise

Academic staff of Schools of Education/Business with specialist knowledge

Major Innovations

Unique programme for other professionals as well as teachers. Reflected in course design

AUSTRALIA

O'Connell Education Centre

Address

Act Schools Authority
O'Connell Education Centre
Stuart Street
GRIFFITH ACT 2603
Australia

Cable:

Telex: actsa aa 62600

Telephone: (062)954311

Director: Ms. E. Mackenzie

Contact: Mr I. Webb

Function

Provide inservice training and curriculum advice to teachers

Programme

Level

Preschool, primary and secondary

Entry Qualification

Trained teacher qualifications

Duration

Variable

End Qualification

N/A

Scholarships Available

Not available

Working Language

English

Fee

Nil

Publications

Computers and/for education

Research

Ad hoc

Future Plans

Development of curriculum materials

Available Expertise

3 Curriculum Consultants in computers in education

Major Innovations

Establishment of a c education centre
Promotion of the use of c as a teach. tool

AUSTRALIA

Professional Services Branch

Address

Department of Education
PMB 25
WINNELLIE
NT 5789
Australia

Cable:

Telex:

Telephone: (089) 805211

Director: Mr A. Henry

Contact: Dr T.J. Lane

Function

Provision of training to practicing teachers

Programme

General In-service Programme

Level

Entry Qualification

Teaching qualification

Duration

Variable

End Qualification

Scholarships Available

Working Language

English

Fee

Publications

'Computalk'

Research

Various. 'C Education in Schools'

Future Plans

Available Expertise

Curriculum Officer(s), Analyst/Programmer

Major Innovations

School communication network (Public facility)
NT software library

AUSTRALIA

School of Education

Address

Flinders University of South Australia
BEDFORD PARK
SA 5042
Australia

Cable:

Telex: AA89624 FLINDU

Telephone: (08) 275 2336

Director: Professor J. Anderson

Contact: Professor J. Anderson

Function

Computer education, computers in schools, computers in society

Programme

(a) Bachelor of Education
(b) Diploma in Education
(c) Master of Education

Level

(a) 2nd year; (b) Post-graduate; (c) Masters

Entry Qualification

(a) Matriculation; (b) Degree; (c) Degree + Dip Ed

Duration

(a) 4 years; (b) 1 year; (c) 2 years

End Qualification

(a) B Ed; (b) Dip Ed; (c) M Ed

Scholarships Available

Commonwealth Post-graduate awards for (c) only

Working Language

English

Fee

N/A

Publications

"Computers in schools: an Australian Perspective". Melbourne. Australian Council for Educational Research, 1984.

Research

Many on-going research projects

Future Plans

To build on existing resources and remain at forefront in the application of new technologies in the classroom

Available Expertise

Well equipped microcomputer laboratory, good access to mainframe computing facilities, plus staff expertise

Major Innovations

Instructional use of c;issues in schools c; c & communications;c in soc'y;software evaluation

AUSTRALIA

School of Education

Address

Deakin University
VICTORIA, 3217
Australia

Cable:

Telex: aa35625

Telephone: (052) 471479

Director: Dr. Chris Bigum

Contact: Dr. Chris Bigum

Function

Pre-service and post-graduate programmes in computer education

Programme

(a) Bachelor of Arts (education), (b) Bachelor of education, (c) Master of Education, (d) higher degreee by research, MA or PhD

Level

(a) undergraduate, (b,c,d) postgraduate

Entry Qualification

(a) -, (b) three year teaching qual. (d) honours degree

Duration

(a) BA (Ed), (b) BEd, (c) MEd, (d) MA or PhD

End Qualification

Commonwealth Post-graduate and Deakin Scholarships for (d) only

Scholarships Available

Working Language

English

Fee

N/A

Publications

Contact Contact

Research

(a) integration of computing tool use into pre-service teacher edu, (b) expert systems in ed, (c) c Ed in music Ed, (d) c in distance ed

Future Plans

Integration of computing and communications into school's teaching and research

Available Expertise

Curriculum; action research; programming; evaluation; software development

Major Innovations

Integration research (a) above

AUSTRALIA

School of Teacher Education

Address

Brisbane College of Advanced Education
Kelvin Grove Campus, Victoria Park Road
KELVIN GROVE
Q'ld 4059
Australia

Cable:

Telex:

Telephone:

Director: Mr G.J. Jones

Contact: Mr G.J. Jones

Function

Teacher training

Programme

Research: Educating external students through involvement in self-management group learning experiences. C literacy and initiation in c usage.
Teaching: Teacher education

Level

Graduate and postgraduate

Entry Qualification

Duration

End Qualification

Graduate Diploma in Teacher Librarianship

Scholarships Available

Working Language

English

Fee

Publications

Research

Research facilities include on-campus computing, group study space

Future Plans

Available Expertise

Major Innovations

AUSTRALIA

School of Teacher Education

Address

Northern Rivers College of Advanced Education
PO Box 157
LISMORE
NSW 2480
Australia

Cable:

Telex:

Telephone: (066) 217551

Director: Mr Bob Wright

Contact:

Function

Computer education

Programme

Graduate Diploma in Educatonal Studies: c in Education

Level

PG1

Entry Qualification

Three year teaching diploma

Duration

Two years, part-time

End Qualification

Graduate Diploma

Scholarships Available

Working Language

English

Fee

Publications

Research

Future Plans

Available Expertise

Specialists in the fields of education & c

Major Innovations

Prog offered practising teachers throughout region in off-campus mode using regional study centres

AUSTRALIA

Schools Computing Branch, Education Dept. of W.A.

Address

Laythorne Street
Nollamara 6061
Western Australia
Australia

Cable:

Telex: eduwa aa 93153

Telephone: (09) 3490350

Director: Dr. M. Angus

Contact: Mr. J. Sully

Function

Support for all aspects of c educatin in primary and secondary schools

Programme

Pro. dev. of teachers; curriculum guidelines;
s-ware dev. and acqs; assis. in h-ware acqs;
s-ware review and eval; info distribution

Level

Various

Entry Qualification

Duration

End Qualification

Scholarships Available

Working Language

English

Fee

Publications

Interface
Wesrev

Research

General interest - specific projects on the use of computers in primary and secondary schools

Future Plans

Available Expertise

In all above areas

Major Innovations

Software development and evaluation

AUSTRALIA

South Australian College of Advanced Education

Address

15 Lorne Avenue
MAGILL (Adelaide)
South Australia 5072

Cable:

Telex:

Telephone: (08) 3339411

Director: Coordinator: Academic Computing

Contact: Dr. Bruce D. Keepes

Function

Graduate Diploma in instructional uses of computers

Programme

One year full time or 3 years part time or ext. For exper. educators who wish to use c in tch. or admin. Teaching materials are for micros (eg Apple, C-64, IBM PC)

Level

Post Graduate

Entry Qualification

Degree or 3 year diploma, education qualification and 2 years teaching

Duration

One year full time or 3 years part time or external

End Qualification

Graduate diploma in instructional uses of computers

Scholarships Available

None

Working Language

English

Fee

Under consideration by Federal Govt.

Publications

ABC Basic by B. Keepes et al; An Authors Guide to C assisted Learning by B. Keepes; Aus Pilot: An Author Language by B. Keepes and J. Wingnall

Research

A systematic study of the meth. of computer use in teaching across the curriculum: a three year study, 1985-1987

Future Plans

Available Expertise

Computer assisted learning in all areas; info processing in education settings

Major Innovations

CAI author language

AUSTRALIA

State Computer Education Centre

Address

Genoa Street
MOORABBIN VIC 3189
Australia

Cable:

Telex:

Telephone: (03) 555-8399

Director: Mr G.T. Inchley

Contact:

Function

Provides centre of expertise for educational computing - State of Victoria

Programme

Professional development of teachers & key personnel; curriculum guidelines; software acquisition, development, distribution; information distribution

Level

Various

Entry Qualification

Trained Teacher's Qualifications

Duration

1 day to 2 weeks

End Qualification

N/A

Scholarships Available

N/A

Working Language

English

Fee

Normally fees required to cover meals/refreshments only

Publications

'Computalk'; 'SCEC News'

Research

Future Plans

Provide c Ed prog all schools Vic; prof dev for specialist groups;'dial up' inf/software dissemination system

Available Expertise

14 prof staff qualified & experienced in c Ed, c science and EDP

Major Innovations

Statewide prog via Reg Centres; Promote c as gen resource for Tchrs/stud;Use of c to produce Braille

AUSTRALIA

University of Western Australia

Address

NEDLANDS
Western Australia
Australia 6009

Cable:

Telex: aa 92992 uniwa

Telephone: 380 2393

Director: Professor Michael Scriven

Contact: Professor Michael Scriven

Function

Professional training for teacher of c studies; research on c education

Programme

DIPED; BED; MED; PhD.

Level

Tertiary

Entry Qualification

Usual

Duration

1-3 years

End Qualification

BSc in c sc/MSc in c sc/DIP in c sc

Scholarships Available

Working Language

Bahasa Malaysia

Fee

Publications

Research

Software engineering; expert system; mathematical software; information systems

Future Plans

Increased facilities (graphic workstations) & students

Available Expertise

C app in mathematical software and software engineering

Major Innovations

AUSTRALIA

Western Australian Institute of Technology

Address

Faculty of Education
Wait
Kent Street
BENTLEY 6102, W. A.
Australia

Cable:

Telex:

Telephone: (09) 850 7333

Director: Dr. John Lake

Contact: Dr. Larry Nelson

Function

Research and teaching in c uses in education

Programme

Educational computing and technology; social science education; curriculum studies

Level

Graduate and postgraduate

Entry Qualification

Duration

End Qualification

Graduate diploma; master of education (M ED)

Scholarships Available

Working Language

English

Fee

Publications

Research

Appl. of special peripheral devices. Data analysis methods with small computers. Microcomputers in classrooms

Future Plans

Further develop c applications in special education

Available Expertise

Extensive c and engineering support

Major Innovations

Videodisk software. Test and survey analysis software

BANGLADESH

Computer Engineering Dept. Buet

Address

Buet, Ramna
DHAKA
Bangladesh

Cable:

Telex:

Telephone: 504021

Director: Prof. Mahfuzur Rahman Khan

Contact: Prof. Mafuzur Rahman Khan

Function

Training on c hardware and software, research of c hard- & software

Programme

Microprocessors, microprocessor based system design, c networks

Level

B.Sc.Eng., M. Sc.Eng., PhD

Entry Qualification

A level. B Sc.Eng.

Duration

B.Sc.Eng.: 4 ys; M.Sc.Eng.: 2 ys; PhD: 3 ys

End Qualification

PhD

Scholarships Available

University scholarship

Working Language

English and Bengali

Fee

US$ 1,000 per year

Publications

Research Bulletin

Research

Future Plans

Available Expertise

Computer hard- and software experts

Major Innovations

CHINA

Beijing Institute of Posts and Telecom

Address

Xue Yuan Lu No. 42
Hai Dian District
BEIJING
People's Republic of China

Cable: 02699

Telex:

Telephone: 668441-508

Director: Hu Jian Tong

Contact: Zhao Eryuan

Function

Prof. training; undergraduate; graduate; in-service engineers

Programme

Fortran;Pascal;GPSS;datab. sys.; lan; model practice in IDN/ISDN; info retrieval; practice in time-sharing c sys.; oper. and maintenance in m-sized c; CAD for digital log

Level

Undergradualte; graduate

Entry Qualification

Senior high school graduate; undergraduate; master

Duration

3 months; 6 months or 1 year

End Qualification

Certificate in visiting research

Scholarships Available

Tuition-free for top students

Working Language

Chinese and English

Fee

US$ 1,000 per half year for tuition, US$ 270 per half-year f. two-bed room

Publications

Journal of Beijing Institute of Posts and Telecommunications

Research

CAD for digital logical design data-base and information retrieval for application and practice

Future Plans

Programme in software engineering; VLSI CAD for digital logical design

Available Expertise

In-service training for engineers; expertise improvement for practice of c operation

Major Innovations

CHINA

Department of Computer Science

Address

Fudan University
SHANGHAI
People's Republic of China

Cable: 8251

Telex: 33317

Telephone: 484906 2921 / 482082

Director: Professor Li-de Wu

Contact:

Function

Computer education

Programme

Undergraduate and graduate in (1) c software; (2) information science; (3) c architecture

Level

Graduate; undergraduate

Entry Qualification

Duration

End Qualification

(1) (2) bachelor and master degree; (3) bachelor degree

Scholarships Available

Working Language

Chinese with some English

Fee

Publications

Research

Carried out as part of studies into all aspects of the c teaching programmes

Future Plans

Ordered VAX11/750 for installation 1985

Available Expertise

112 specialists in c science, incl 8 ass professors, 46 lecturers, 15 engineers

Major Innovations

Students use Honeywell DPS-8 and micro-c. Major in natural/technical/social sciences

CHINA

Department of Computer Science

Address

Beijing Institute of Aeronautics and Astronomics
BEIJING
China

Cable:

Telex:

Telephone: 277251

Director: Professor S.H. Chien

Contact: Professor S.H. Chien

Function

Specialists in computer science hardware and software

Programme

Use IBM 4341 and VAX 11-750

Level

Tertiary

Entry Qualification

First class of National Examination of High School

Duration

4 years students; 2.5 years Master degree; 2 years Ph D

End Qualification

Ph D

Scholarships Available

For Ph D and Master

Working Language

Chinese/English

Fee

Publications

Discrete mathematics; Compiler design; Fundamental of data structures

Research

Software engineering; Artificial intelligence; VLSI Computer Aided Design; Expert system

Future Plans

Available Expertise

Major Innovations

CHINA

Department of Computer Science

Address

Zhong Shan University
GUANG ZHOU
Guang Dong Province
China

Cable:

Telex:

Telephone: 46300

Director: Wu Ci-qian

Contact: Wu Ci-qian

Function

Computer education

Programme

Level

Tertiary

Entry Qualification

Senior middle school students with good ability

Duration

4 years

End Qualification

B Sc; Ph D (for numerical analysis only)

Scholarships Available

Working Language

Chinese Mandarin/Cantonese

Fee

Publications

Some publications mainly in Chinese

Research

Numerical analysis; relational data base; artificial intelligence

Future Plans

Available Expertise

cf. Research

Major Innovations

cf. Research & Publications

CHINA

Department of Computer Science and Engineering

Address

Xian Jiaotong University
XIAN, Shaanxi
China

Cable:	2827
Telex:	70123 XJTU CN
Telephone:	32911
Director:	Associate Professor Hu Zhengjia
Contact:	Qian Depei

Function

Specialists & engineers in computer science & engineering

Programme

Courses in c hardware, software and applications

Level

Graduate; postgraduate

Entry Qualification

National entrance examination (plus department exams for graduate studies)

Duration

4 - year undergraduate; two and a half years graduate

End Qualification

B.A. and M.A. in Computer Science and Engineering

Scholarships Available

Working Language

Chinese

Fee

Publications

Research

Future Plans

Available Expertise

Major Innovations

CHINA

Department of Computer Science and Engineering

Address

Nanjing Institute of Technology
NANJING
Jiang Su Province
China

Cable: 0515 PRC

Telex:

Telephone: 34619 EXT 275

Director: Wang Nengbin

Contact: Gao Jianguo

Function

Education and research

Programme

Computer organization, discrete mathematics, datastructures; operating systems; compiler; database

Level

Bachelor and master degree

Entry Qualification

High school graduate passing entrance examination

Duration

4 years bachelor; 2 - 5 years master

End Qualification

B Eng; M Eng

Scholarships Available

Available for domestic students

Working Language

Chinese

Fee

Free for domestic students

Publications

Journal of Nanjing Institute of Technology

Research

Database; AI; c network; distributed processing; micro-c and their applications

Future Plans

Office automation; decision support system

Available Expertise

Some system & application software developed by ourselves

Major Innovations

First differential analyser in China
Some special purpose computers
Multiuser relational DBMS

CHINA

Department of Computer Science and Engineering

Address

Zhe Jiang University
HANG ZHOU
Zhe Jiang Province
China

Cable: 0420

Telex: 35040 ZUFAO CN

Telephone: 21701 Ext 2362

Director: Ye Cheng Qing

Contact: Ministry of Education

Function

Education/research in computer science and engineering

Programme

Undergraduate and graduate

Level

Tertiary

Entry Qualification

Entry examination

Duration

4 years undergraduate; 3 years master; 3-4 years Ph D

End Qualification

Ph D

Scholarships Available

Yes

Working Language

Chinese

Fee

Publications

Papers; course notes and books by faculty members

Research

Artificial intelligence; c architecture/graphics/networks/ applications; software engineering; Chinese information processing

Future Plans

Available Expertise

Major Innovations

Intelligent art pattern design system; DGS-400 Color graphics display

CHINA

Department of Training

Address

Chinese Computer Technic Service Corporation
P O Box 4708
BEIJING
China

Cable:

Telex:

Telephone:

Director: Zhou Ming De

Contact: Zhou Ming De

Function

C user training

Programme

Micro-c hardware&software and appl.(IPM PC,APPLE II Application Software (dBase II, dBase III, Symphony etc)., high level language, c local network, system design

Level

Primary, middle, senior

Entry Qualification

Duration

1 - 3 months

End Qualification

Graduate Diploma

Scholarships Available

Working Language

Chinese

Fee

100 - 300 Yen

Publications

Varieties of textbook (more than 20 kinds). Magazine named "C Technology and Training"

Research

Application software, c manage system and c industry controle system

Future Plans

To become a textbook and video tape centre of computer training

Available Expertise

Major Innovations

Micro-c and local network

CHINA

Huanan Institute of Technology

Address

GUANGZHOU
Guangdong Province
People's Republic of China

Cable: 2003 GUANGZHOU CHINA

Telex:

Telephone: 774433 Ext. 255

Director: Chen Xingye

Contact: Chen Xingye

Function

Computer education

Programme

Courses in c hardware, software and applications

Level

Undergraduate and postgraduate

Entry Qualification

Entrance examination

Duration

Undergraduate: 4 years; postgraduate: 3 years

End Qualification

BSc, MSc

Scholarships Available

Working Language

Chinese

Fee

Publications

Journal of Huanan Institute and Technology

Research

Future Plans

Available Expertise

Major Innovations

CHINA

Jilin University

Address

Department of Computer Science
Jilin University
Changchun
China

Cable:

Telex: 8523

Telephone: 22331

Director: Ju Jiubin

Contact: Ju Jiubin

Function

Computer education

Programme

Undergraduate, graduate and postgraduate studies in computer education

Level

Bachelor; Master; Doctor; Postdoctoral

Entry Qualification

Graduated from high school; bachelor; master; doctor

Duration

4 years for Bachelor; 3 years for MA and PhD; 2 years for Postdoctoral

End Qualification

Bachelor; Master; Doctor

Scholarships Available

Working Language

Chinese

Fee

Publications

Research

Future Plans

Available Expertise

Major Innovations

FIJI

Computer Education Centre, Ministry of Education

Address

Ministry of Education
Nasinu College, Private Mail
SUVA
Fiji Islands

Cable: EDUCATION FIJI

Telex: fosec fj 2167

Telephone: 391733

Director: Guroyal Singh, Principal Ed.Officer

Contact: As above

Function

Intro dev. & promotion of c education in- and outside schools

Programme

Inservice courses for teachers, c awareness courses for students in schools, c awareness course for communities, full time course for school leavers being planned, curriculum development

Level

Prim. & sec. school teachers, basic & adv. levels

Entry Qualification

(1) Prim-trained tehr, (2) sec dip or degree, (3) school leavers - h.s.cert

Duration

(1) 2 weeks for inservice course, (2) 2 yr course for sch leavers in 1986

End Qualification

Possibility of end qualifications for school levers course

Scholarships Available

For locals only

Working Language

English

Fee

Publications

News letter - montly, produced by the Centre

Research

Future Plans

Expansion of the current programme

Available Expertise

Qualified staff in c, well equipped centre with a variety of hardware

Major Innovations

Major thrust: to provide teacher training & support services to sch & courses to sch.leavers

INDIA

Society for Computer Technology & Research

Address

33 Parvati Industrial Estate
PUNE - 411009
India

Cable: LECTROTEK

Telex: 0145-457 ltek

Telephone: (0212) 441048

Director: Shri J.V. Tilak

Contact: Shri N. Ramakrishna

Function

Training in computer technology

Programme

Training and research in c and application of c to industry and agriculture and otter areas. Collect info on c tech. trough bureau set-up for this purpose

Level

4 ys degree course

Entry Qualification

HSC exam. of State of Maharashtra or equivalent

Duration

4 years

End Qualification

B.E. (Computer Engineering, hard- and software combined)

Scholarships Available

Working Language

English

Fee

IRs. 6,800 per year

Publications

Research

Future Plans

An expansion of building and equipment in 4 phases 1986-90, at which point 400 students to be trained in 5 lines

Available Expertise

Major Innovations

KOREA

Korean Educational Development Institute

Address

K.E.D.I.
San, 20-1 Umyeon-dong
Gangnam-gu
SEUL 135
Republic of Korea

Cable: INSTKOREDI SEUL

Telex:

Telephone: 567-5021, 567-5121

Director: President

Contact: Mr. Kim Young Shik

Function

Independent, autonomous and Govt.-funded educational R & D

Programme

Level

Entry Qualification

Duration

End Qualification

Scholarships Available

Working Language

Korean, English

Fee

Publications

Research

Preliminary study on c ed. for the primary and secondary school students, proposal for c literacy curriculum in primary and secondary school

Future Plans

Available Expertise

Major Innovations

MALAYSIA

Centre for Educational Technology and Media

Address

Universiti Sains Malaysia
MINDEN
Pulau Pinang
Malaysia

Cable:

Telex: ma 40254

Telephone: 04-883822 Ext 222

Director: Assoc Prof Abdul Rahim Mohd Saad

Contact: Assoc Prof Abdul Rahim Mohd Saad

Function

Teaching; research; academic support services; training and diffusion

Programme

(a) Electives in B A Ed, B Sc Ed, B Ed; (b) Ed Tech Cert majoring in CAI (in-service); (c) C literacy (short/intensive for undergrads & serving teachers

Level

Basic degree and short courses

Entry Qualification

MCE; HSC

Duration

(a) 2 semesters; (b) 1 year; (c) 2 - 4 weeks

End Qualification

(a) Basic degree in Ed; (b) Cert Ed Tech; (c) Certificate of Attendance

Scholarships Available

Ministry of Education

Working Language

Malay/English

Fee

Varies

Publications

Various publications on c controlled video systems, new technologies, technology in higher education, innovative approach to design and implementation of computer literacy course in USM

Research

Development of microcomputer-based interactive learning system

Future Plans

To set up an interactive instructional system laboratory and offer more courses in educational computing

Available Expertise

Micro c applications in education and training;
CAI courseware development & evaluation;
c literacy/awareness

Major Innovations

C Assisted Tutorial System (CATS) Laboratory (30 micros) for training in c literacy & CAI devel

MALAYSIA

Computer Centre

Address

Universiti Malaya
Lembah Pantai
59100 KUALA LUMPUR
Malaysia

Cable: UNIVSEL

Telex: ma 37453

Telephone: 571431

Director: Dr Mashkuri Hj. Yaacob

Contact: Dr Mashkuri Hj. Yaacob

Function

Professional training; public/private

Programme

Diploma in computer science; Short intensive courses; Masters in c science; PhD in c science

Level

Diploma; Masters; PhD

Entry Qualification

(1) Basic degree; (2) B c science (3) M c science

Duration

(1) 1 year; (2) 1-2 years; (3) 2-3 years

End Qualification

(1) Dip Comp Sc; (2) M Comp Sc; (3) PhD

Scholarships Available

None

Working Language

Malay/English

Fee

Varies

Publications

Malaysian Journal of Computer Science

Research

Computer Graphics; information storage and retrieval; design of distributed data bases; computer networks

Future Plans

Available Expertise

Major Innovations

MALAYSIA

Department of Computer Sciences

Address

Universiti Kebangsaan
Malaysia
BANGI SELANGOR
Malaysia

Cable:

Telex: unikeb ma 31496

Telephone: 8250001, Ext. 2719

Director: Head of Department

Contact: Mr. Aziz Deraman

Function

Education of c professionals and research

Programme

Degree and post-graduate in computer sciences

Level

Degree/masters/diploma

Entry Qualification

HSc; DIP/degree in c science/ basic degree

Duration

4 years / - 2 years / 1 year

End Qualification

BSc in c sc/MSc in c sc/DIP in c sc

Scholarships Available

Working Language

Bahasa Malaysia

Fee

Publications

Research

Software engineering; expert system; mathematical software; information systems

Future Plans

Increased facilities (graphic workstations) & students

Available Expertise

C app in mathematical software and software engineering

Major Innovations

MALAYSIA

Pusat Latihan Komputer

Address

Institute Tadbiran Awam Naegara
Jalan Elmu
KUALA LUMPUR
Malaysia

Cable: INTAN KUALA LUMPUR

Telex:

Telephone: 03 - 579155

Director: Head of Centre

Contact: Mr. Abdul Aziz Mohd. Yusof

Function

Training centre for Government officers

Programme

C for managers, certificate in programming, diploma in systems analysis, basic technical training, advance technical training

Level

Basic, intermediate, advance

Entry Qualification

Malaysian Cert., Higher School Cert, Post Graduate

Duration

1 week to 11 months

End Qualification

Cert. of attendance, Cert. in programming, dip. in sys.analysis and design

Scholarships Available

None

Working Language

Malaysian and English

Fee

None

Publications

None

Research

None

Future Plans

National computer institute

Available Expertise

None

Major Innovations

Changing the centre to National computer institute

MALAYSIA

School of Mathematical and Computer Sciences

Address

Universiti Sains Malaysia
MINDEN
Pulau Pinang
Malaysia

Cable: USMLIB

Telex: ma 40254

Telephone: 883822 Ext 284

Director: Professor Tan Wang Seng

Contact: Professor Tan Wang Seng

Function

Teaching, research

Programme

Bachelor of Computer Science; Bachelor of Science, Master of Science and Doctor of Philosophy

Level

Degree

Entry Qualification

Equivalent of A levels

Duration

4 years for first degree

End Qualification

B Comp Sc; BSc, PhD, MSc

Scholarships Available

From government and private agencies

Working Language

Bahasa Malaysia

Fee

M$270 per semester

Publications

See Research

Research

Pure maths, applied maths, operations research & statistics, c science

Future Plans

Available Expertise

In areas mentioned above

Major Innovations

MALAYSIA

School of Mathematical Sciences and Computing

Address

Institut Teknologi MARA
Shah Alam
SELANGOR
Malaysia

Cable:

Telex: tekma ma 38671

Telephone: 592721 Ext 205

Director: Head of School

Contact: Mohamad Ali bin Hassan

Function

Professional training; private/commercial

Programme

Cert in c Programming; Dip Comp Sc; Dip Stat; Adv Dip Stat; Dip Act Sc; Post-graduate Dip Systems Analysis

Level

Diploma/Certificate/Degree/Post-Graduate

Entry Qualification

SPM/MCE Examination; Diploma/Degree

Duration

Certificate 1 semester; Diploma 6-8 semesters; Post-Grad Dip 2 semesters

---

End Qualification

Diploma/Certificate/Advanced Diploma/ Post-Graduate Diploma

Scholarships Available

Working Language

English/Bahasa Malaysia

Fee

Publications

Research

Various

Future Plans

Increased facilities and students; more computerisation in the whole institute

Available Expertise

C applications in statistics/actuarial science; software development; hardware design

Major Innovations

Link-up of microcomputers using cheap cables

NEW ZEALAND

Computer Science Department

Address

Massey University
PALMERSTON NORTH
New Zealand

Cable:

Telex:

Telephone: 69098

Director: Head of Department

Contact: Head of Department

Function

Education in computer science and information systems

Programme

Degree courses in c science/inf systems (some extramural); main programming language Pascal - also MODULA,Assembler, COBOL,PL/1; equipment includes twin VAX 11/750 minis & many micros

Level

Degree

Entry Qualification

New Zealand University Entrance or equivalent

Duration

3 years (pass); 4 years (honours)

End Qualification

B.B.S., or B.A.; or B Tech, or B Sc

Scholarships Available

Working Language

English

Fee

Publications

Research

Software engineering; database systems; expert systems; networking; information systems

Future Plans

Information Technology Research Centre

Available Expertise

Information systems; database systems; expert systems

Major Innovations

PAPUA NEW GUINEA

University of Papua New Guinea

Address

Mathematics Department
P O Box 320
UNIVERSITY
Papua New Guinea

Cable: UNIVERSITY P MORESBY

Telex: ne 222366

Telephone: 253900

Director: Rana Taviri

Contact: John Renaud

Function

Professional training

Programme

Project work in computer education a various levels in three degree programmes

Level

Bachelors degree, masters degree, doctors degree

Entry Qualification

Grade 12 or adult matriculation

Duration

4 years

End Qualification

Bachelor of education, master of education,

Scholarships Available

Natschol Scheme of Commission for Higher Education

Working Language

English

Fee

Depends on nationality

Publications

Conference papers by Donald Joyce
Papers in chemical education journals by David Holdsworth

Research

Several projects including computers in chemistry, computers in mathematics

Future Plans

Expansion

Available Expertise

Several staff in various departments

Major Innovations

PHILIPPINES

Cebu Central Colleges

Address

Osmena Blvd. Corner Sanci
Angko Street
P.O. Box 705
CEBU CITY
Philippines

Cable:

Telex:

Telephone: 72206

Director: Atty. Augusto W. Go

Contact: Dr. Tecia Espiritu

Function

Education of computer professionals

Programme

B.S. in information and c science (major in information system)
special c training programme for educator and user

Level

Certificate/degree

Entry Qualification

High school grad. w. national college entrance examination (NCEE)

Duration

4 years graduate with national college entrance examination (NCEE)

End Qualification

Bachelor degree

Scholarships Available

Working Language

English

Fee

Ps. 1,400 per semester

Publications

Research

Data structure, database systems

Future Plans

To offer master in science teaching major in c science

Available Expertise

Information system operation research

Major Innovations

PHILIPPINES

Central Luzon Institute of Technology

Address

1860 Riz Al Avenue
Olongapo City
Philippines

Cable:

Telex:

Telephone: 26-36

Director: President of the school

Contact: Mr. Renato P. Legaspi

Function

Technical education to professionalism

Programme

BSC, CBL, BPL, DISK BAS. DOS, RPG, ASSEM.,TOS, FTR

Level

Post graduate

Entry Qualification

High school grade & coll. grade, college under graduate

Duration

1 to 2 years

End Qualification

Programmes, operators, instructors

Scholarships Available

N/A

Working Language

English

Fee

Ps 720.00 per course

Publications

Commercial RDO. STA & other print media

Research

On campus research seminar workshop

Future Plans

Expansion of courses offered

Available Expertise

Software development and evaluation

Major Innovations

Provides not only tch, but also students w wide range of skills and knowledge

PHILIPPINES

College of Computer Studies

Address

De La Salle University
Taft Avenue
MANILA
Philippines

Cable:

Telex:

Telephone: 504-611

Director: Ms Emma Teodoro

Contact: Ms Emma Teodoro

Function

Higher education

Programme

B.S. in Computer Science

Level

Tertiary

Entry Qualification

High school graduate

Duration

4 years

End Qualification

Computer specialist in information systems and C technology

Scholarships Available

Several types

Working Language

English

Fee

$200.00 per term (three terms per year)

Publications

'Computer Issues'; 'Organization of Software Systems'; 'Basic Computer Concepts'; Computer System Organization'; 'Data Structures and File Organization'

Research

Applications in information systems; data dictionary; distributed data bases

Future Plans

Local area networks for De La Salle University; utilities for PDP11, acquisition of more materials for the program

Available Expertise

Information systems; Database management systems; Operations research, Data dictionary

Major Innovations

Curric strong in managem't/organizational principles; Practicum courses; Emphasis on practical needs

PHILIPPINES

Computer & Automation Tech. Voc. Training Center

Address

Main: Plaza Burgos
Guagua, Pampanga
Branch: 3 Rd. FLR., DSF Bld. G
Gen Hizon Ave., San Fernando
PAMPANGA
Philippines

Cable:

Telex:

Telephone: 91 08 03 61 42 03

Director: Emerita C. Munoz

Contact: Remy C. Cayanan/Freddie A. Intal

Function

Computer training and office automation

Programme

Basic c concepts; basic cobol-80, Fortran-80, Assembler, Pascal languages, operating systems, computer technician

Level

Short-term

Entry Qualification

At least high school graduate

Duration

Minimum of 80 hrs. per subject (40 hrs. lecture, 40 hrs. hands-on)

End Qualification

Programmer, data entry operator, technician

Scholarships Available

Full, partial and discounts

Working Language

English

Fee

Minimum of Ps. 400 per subject

Publications

PC Journal, EDP Survey, Asian Computer, Byte

Research

Modular teaching methods, interactive training

Future Plans

System expansion, course upgrades and new courses

Available Expertise

System consultation, software development and computer servicing

Major Innovations

PHILIPPINES

East Central Colleges

Address

B. Mendoza Street
SAN FERNANDO, Pampanga
Philippines

Cable:

Telex:

Telephone: 612119

Director: Mr. Cirianco C. Toledano

Contact: Mr. Manolo C. Toledano

Function

Computer Education

Programme

Basic c system; Cobol, Basic prog.; Fortran PL/1; Assembler; RPG; Pascal; Compusec; operating system; Dbase II, Visical c; supercalc; system analysis and design, keypunching

Level

Tertiary

Entry Qualification

High school graduate (minimum qualification)

Duration

BCS (90 hrs); programming languages (90 hrs. each) SAD (170 hrs.)

End Qualification

Programmer/analyst

Scholarships Available

Full scholarships; ALF schollarships; discounts

Working Language

English

Fee

Ps 500 per course

Publications

Popular Computing

Research

Future Plans

Offer new courses; acquisition of more computer units

Available Expertise

Qualified faculty to provide excellent ed, training and services

Major Innovations

Use of available facilities in processing student records

PHILIPPINES

Global Computers Corporation

Address

4470 Caltagan corner Bautista Streets
Makati
METRO MANILA
Philippines

Cable:

Telex: 63307 etpen pn

Telephone: 831-7176

Director: Jose Alarilla, A. Lina, B. Sison

Contact: Marcelio Mision, Edwin Padila

Function

Computer programs and courseware

Programme

Develops c course curricula in co-op with schools. Provides equipment/instructors reducing set-up costs. Basic course, advanced BASIC, word processing, electronic filing/financing

Level

Secondary, collegiate and professional

Entry Qualification

BASIC programming for advanced BASIC

Duration

Secondary 108 hrs; Collegiate 54 hrs; Professional 24 hrs.

End Qualification

Programming ability in BASIC and advanced BASIC language

Scholarships Available

Available for BASIC and advanced BASIC programming courses

Working Language

English

Fee

BASIC programming 605 pesos

Publications

BASIC Computer Manual (High school level)
Computer BASIC Manual (Collegiate level)

Research

Development of computer course curricula applications at secondary and collegiate levels

Future Plans

Expand operations to include other languages

Available Expertise

Courseware development tailored to fit each client's particular needs

Major Innovations

Affordable computer education through school tie-up schemes

PHILIPPINES

La Consolacion College

Address

BACOLOD CITY
Philippines

Cable:

Telex:

Telephone: 2-32-10

Director: Sister Niceta M. Vargas, O.S.A.

Contact: College Dean

Function

Computer training

Programme

Basic c concepts; Informative system analysis & design; Management information systems; c secrecy & audit; BASIC, COBOL, RPC, FORTRAN programming

Level

Post Secondary

Entry Qualification

High School Graduate

Duration

2½ months per course

End Qualification

Certificate

Scholarships Available

Working Language

English

Fee

350 pesos per course

Publications

'Ripples'; 'LCC Journal'

Research

Future Plans

Office transactions computerized & c education extended to children from 5 years old

Available Expertise

Graduates of c courses now based in Bacolod City

Major Innovations

Integration of c courses in high school and all degree courses

PHILIPPINES

Lorma College

Address

San Fernando
LA UNION
Philippinges

Cable:

Telex:

Telephone: 413448

Director: Rev. Salik C. Sinkiat

Contact: Rev. Salik C. Sinkiat

Function

Short term computer programming courses

Programme

Basic computer system, basic programming,Cobol, Fortran, data base, word processing,DOS

Level

College

Entry Qualification

Second year college

Duration

BCS 90 hrs., Basic 60 hrs., Cobol 60 hrs., Fortran 60 hrs.,Dbase 30 hrs.

End Qualification

Programmers

Scholarships Available

Working Language

English

Fee

Ps. 400 to 500

Publications

Research

Future Plans

To offer bachelor in computer education

Available Expertise

Qualified faculty to provide training in all programming

Major Innovations

PHILIPPINES

National Computer Institute (NCI)

Address

National Computer Center
Camp Aguinaldo, EDSA
QUEZON CITY
Philippines

Cable: NCC PHILS

Telex:

Telephone: 781543, 781355

Director: Aida I. Carrilo

Contact:

Function

Training of data processing professionals

Programme

EDP Fundamentals, Program Logic Form., Programming Languages: Cobol, Basic, Pascal, c info, systems analysis, c based design, data base, s-ware engn., info resource management

Level

Short-term basic and advance levels

Entry Qualification

Baculaureate Degree holder, passing of qualifying exams

Duration

End Qualification

Scholarships Available

None

Working Language

Fee

Publications

Research

Future Plans

Available Expertise

Major Innovations

PHILIPPINES

Philippine Women's University

Address

Taft Avenue
MANILA
Philippines

Cable:

Telex:

Telephone: 59-83-43, 58-80-38

Director: Eugenio V. Guillermo

Contact: Mrs Lillian P. Umipig

Function

Higher education

Programme

Introduction to computer systems; BASIC, COBOL, RPG, FORTRAN, PASCAL, ASSEMBLER programming; System analysis and design; Operating system

Level

(a) Short course; (b) B Sc in Computer Science

Entry Qualification

High school graduate

Duration

(a) 6 months to 1 year; (b) 4 years

End Qualification

B Sc Comp Sc

Scholarships Available

Full scholarships; Partial scholarships; Discounts

Working Language

English

Fee

Short 3,000-5,000 pesos; Degree 1,200 pesos per semester

Publications

'CCES Newsletter'

Research

Future Plans

More computer units; upgrading courses; offering new courses

Available Expertise

Systems consultation; Computer servicing

Major Innovations

PHILIPPINES

St Paul's College

Address

DUMAGUETE CITY 6501
Philippines

Cable:

Telex:

Telephone: 29-59

Director: Sister Marie Renee Javato S.P.C.

Contact: Sister Maria Rosalia Bacallan S.P.C

Function

Computers in business administration

Programme

B.S. in Computer Science

Level

College

Entry Qualification

High School Graduate

Duration

4 years

End Qualification

B.S. Comp Sc

Scholarships Available

Working Language

English

Fee

1,300 pesos per semester

Publications

Research

Future Plans

To send more teachers on scholarships

Available Expertise

Yes

Major Innovations

PHILIPPINES

Systems Technology Institute

Address

Mezzanine Floor,
Arco Bldg.Salcedo St.
Legaspi Village
METRO MANILA
Philippines

Cable:

Telex:

Telephone: 8150169, 8186222

Director: Institute Director

Contact: Fe Dolores G. Sugay

Function

Programming career training

Programme

C concepts; prog. concepts; Dbase II programming; Basic prog.; RPG prog; Cobol progr.; business applications; business systems

Level

Vocational

Entry Qualification

High school graduate

Duration

End Qualification

Scholarships Available

Augusto C. Lagman Scholarship

Working Language

Fee

Publications

Research

Future Plans

Available Expertise

Major Innovations

PHILIPPINES

Technological Institute of the Philippines

Address

888 Gonzalo Puyat Street
Quiapo
MANILA
Philippines

Cable:

Telex:

Telephone: 47-18-90

Director: Dr Teresita U. Quirino (President)

Contact: Nelson P. Beniabon

Function

Training in computer technology

Programme

Basic c concepts; Basic programming; COBOL programming; Fortran IV, RPG II, Assembler; Systems analysis & design; c operations

Level

College (Special Course)

Entry Qualification

High school graduate

Duration

2 semesters

End Qualification

Programmer/analyst

Scholarships Available

20% discount to alumni and faculty

Working Language

English

Fee

1,400 pesos per semester

Publications

Research

Operations research, statistics, numerical analysis (applied math); development of computer course curricula for engineering courses

Future Plans

Conversion of 1-year programme to a 4- or 5-year course in c engineering; hardware acquisition

Available Expertise

Software services (applications programming; systems design; consultancy in c training and education

Major Innovations

Use of cumputer facility in processing and reporting grades; and in engineering design courses

PHILIPPINES

Unciano Paramedical Colleges

Address

V. Mapa-Guadalcanal Sts
Sta. Mesa
METRO MANILA
Philippines

Cable:

Telex:

Telephone: 60-02-37, 62-29-30

Director: Dr Alfredo A. Caramat

Contact:

Function

Programme

Bachelors Degree in (a) Computer Engineering (BCE); (b) Computer Management (BCM). Both under application

Level

Entry Qualification

Professionals, high school graduates, undergraduates

Duration

6-month seminar-type course

End Qualification

Scholarships Available

Working Language

English

Fee

Publications

Research

Future Plans

BCE & BCM geared more towards industrialization and productivity

Available Expertise

100 member technical staff
BSME, BSEE, BSECE, BSChE

Major Innovations

PHILIPPINES

United Computer Programming Center Foundation Inc.

Address

Executive Office
1939 Taft Avenue
Malate, MANILA
Philippines

Cable:

Telex: 22920 opte ph

Telephone: 5210440, 5210438

Director: Mr Fausto G. Tirona Jr (President)

Contact: Training Officer

Function

Training: c programming; encoding; application software

Programme

Edp fundamentals, Cobol Basic, Fortran, Pascal, RPG2, micro-c appl. s-ware, data entry operations, spcl.prog. course for elem. and sec. school students

Level

Basic and advanced levels

Entry Qualification

Elementary and secondary school students (special course and H.S. graduate)

Duration

1 month - 1 year

End Qualification

Programmers and encoders

Scholarships Available

All courses

Working Language

English

Fee

300 - 3,000 Pesos

Publications

Uni-Byte (Newsletter)

Research

Computer-based learning; multi-media instructional programming

Future Plans

Hardware and software sales, software development

Available Expertise

Qualified faculty to provide training guidance in all programming

Major Innovations

Use of films, film clips, transparencies (on p) for audio-visual, hand-outs, manuals, field trips

PHILIPPINES

Visayan Data Computer College

Address

RBL Bldg
Gatuslao St
BACOLOD CITY, Neg Occ
Philippines

Cable: VISDATA

Telex: vdcc

Telephone: 2-59-34

Director: Olivia A. Villarosa

Contact:

Function

Computer applications

Programme

Bachelor of Science in Data Processing (BSDP);
Bachelor of Science in Business Information (BSBI)
Business/Scientific/Sugar applications

Level

Tertiary

Entry Qualification

High school graduate (NCEE 70%), (PAT 50%)

Duration

End Qualification

Scholarships Available

Working Language

English

Fee

Academics 24 pesos/unit; Technical 60 pesos/unit; Lab 100 pesos/unit

Publications

Research

Future Plans

Available Expertise

Major Innovations

PHILIPPINES

Wesleyan University - Philippines

Address

CABANATUAN CITY
Philippines

Cable:

Telex:

Telephone: 963-2471

Director: Dr Gloria D. Lacson

Contact: Mr Hipolito L. Naldoza Jr

Function

Computer education

Programme

Basic computer system; COBOL and ASSEMBLER programming
C subjects integrated in BSEC, BSN, B Sc, B.E.Ed, M.A.Ed

Level

Higher education

Entry Qualification

Second year college; Graduates of academic secondary course

Duration

150 hours

End Qualification

Programmer

Scholarships Available

Ecumenical Scholarship program

Working Language

English

Fee

960 pesos per program

Publications

'Synthesis', a journal of research and ideas

Research

CAI; c aided design (electronic circuits)

Future Plans

Additional computer units; Additional c course modules

Available Expertise

Hardware

Major Innovations

C education has been made a component of statistics in the graduate level as per new curriculum

SINGAPORE

Computer Science Department

Address

National University of Singapore
Kent Ridge Campus
SINGAPORE 0511

Cable:	UNIVSPORE
Telex:	rs33943
Telephone:	7756666/2726
Director:	H.T. Thio
Contact:	C.K. Yuen

Function

Education of computer professionals and research

Programme

Producing 200 graduates per year from 1985; approximately 30% of the 600 to 700 new computer professionals required each year to meet projected manpower requirements

Level

To introduce postgraduate level

Entry Qualification

GCE 'A' Level; HSC

Duration

B Sc 3 years

End Qualification

B Sc; M Sc; Ph D

Scholarships Available

PSC, SAF, NUS and others

Working Language

English

Fee

S$1,000 per year upwards

Publications

Department handbook

Research

All areas of c science information systems

Future Plans

Upgrading equipment; expansion of research

Available Expertise

Education and research

Major Innovations

Integrated IS/CS programme

SINGAPORE

Curriculum Development Institute of Singapore

Address

Department of Educational Technology
Computer Education Section
465-E Bukit Timah Road
SINGAPORE 1025

Cable:

Telex: rs37930cdis

Telephone: 4695151 ext 423

Director: Mrs Pek Sok Ching

Contact: Miss Tan See Lai, Mr Loh Kon

Function

Promote/develop c education in sec schools; plan/implement 'A' Level c science

Programme

(1) C appreciation-100 hrs; (2) Apple Superpilot-60 hrs; (3) Dbase II-30 hrs; (4) Logo Prog-20 hrs; (5) Use Apple toolkit/graphics tablet-15 hrs; (6) Wordstar-15 hrs

Level

Secondary school teacher training

Entry Qualification

n.a.

Duration

End Qualification

n.a.

Scholarships Available

n.a.

Working Language

English

Fee

n.a.

Publications

Newsletter - twice a year

Research

n.a.

Future Plans

n.a.

Available Expertise

n.a.

Major Innovations

n.a.

SINGAPORE

Japan-Singapore Institute of Software Technology

Address

1 Maritime Square # 12-11
World Trade Centre
SINGAPORE 0409

Cable:

Telex: RS26233

Telephone: 2730777

Director: Mr. Hotsuna Miyakawa

Contact: Dr Ho Tatkin

Function

Technology transfer

Programme

Japanese Govt tech assist prog in planning, establishing & oper. inst via res. team s-ware experts for 5 yrs. Courses in prog/systems analysis; upgr. courses for EDP profs.

Level

(a) Upper secondary; (b) Postgraduate

Entry Qualification

(a) GCE 'A' Level; (b) University degree

Duration

(a) 2 year full time; (b) 3 or 6 months full time

End Qualification

(a) Diploma; (b) Postgraduate Diploma

Scholarships Available

Bursary for Singapore citizens & permanent residents for (a) only

Working Language

English

Fee

(a) S$2,000; (b) S$500 and S$700

Publications

Research

Future Plans

Advanced Diploma Course

Available Expertise

Consultancy services with external organizations particularly in business appl. and expert systems development

Major Innovations

SINGAPORE

The Centre for Computer Studies

Address

Ngee Ann Polytechnic
535 Clementi Road
SINGAPORE 2159

Cable: NGEEANNPOL

Telex: ianpol rs39206

Telephone: 4666000

Director: Mr. Rodney Shaw

Contact: Mr. David Chan

Function

The education of computer professionals

Programme

Higher national diploma in c studies (awarded by the Business & Technician Edu. Council, UK); advanced diploma in c studies (awarded by Ngee Ann Polytechnic)

Level

(1) GCE A-level, (2) 1 yr f time or 2 ys p time

Entry Qualification

(1) GCE A-level, (2) BTEC HND in c studies, BCS PT 1 exam.

Duration

(1) 2 years; (2) 1 year full-time or 2 years part-time

End Qualification

(1) BTEC HND/Dip C Studies, Ngee Ann Polytechnic; (2) Adv Dip C Studies

Scholarships Available

Range from S$750 to S$2,000 p.a. Details from Administrative Office, Ngee Ann Polytechnic

Working Language

English

Fee

(1) S$600 p.a.(Spore-res); S$900(non-res), (2)S$1200 res, S$1800 non-res

Publications

Research

Computer-based information systems

Future Plans

Introduction of part-time courses for HND in c studies

Available Expertise

C-based information systems; local area networks; data base, systems methdologies

Major Innovations

Extensive local area network facilities applied to practical bias for computer education courses

SRI LANKA

Deptartment of Statistics and Computer Science

Address

University of Colombo
P.O. Box 1490
COLOMBO 3
Sri Lanka

Cable: UNIVERSITY COLOMBO

Telex: 21361 tradint ce

Telephone: 589123:587239

Director: Head of the department

Contact: Prof. V.K. Samaranayake

Function

Teaching; training; advisory work; research; software development; consultancy

Programme

PG diploma in c applications; UG courses in c studies; extension courses in c applications

Level

PG:, UG: Extension

Entry Qualification

Degree fpr PG: GCE (A.L.) for UG: deg. for aptitude test for ext. course

Duration

PG 1 year; UG 3 years; extension: 6 months

End Qualification

PG diploma: BSc. degree: certificate

Scholarships Available

Commonwealth

Working Language

English

Fee

Free for undergraduates, Rs. 5,000 for certificate course

Publications

Research

Applied statistics, agroclimatology, computer assisted teaching/ learning

Future Plans

Training centre with main frame: central computer for applied research

Available Expertise

Academic staff: 6, Analyst/prog: 5, Support staff: 12, Tecn.:3

Major Innovations

Joint development of interactive stats package, instat, literacy courses for workers

THAILAND

Asian Institute of Technology

Address

Division of S.E.C.
P.O. Box 2754
BANGKOK 10501
Thailand

Cable: AIT-BANGKOK

Telex: 84276 th

Telephone: 529-0041

Director: Prof. Alastair North

Contact: Dr. Worsak Kanoknukulchai

Function

Post graduate education institute

Programme

Computer applications to structural engineers

Level

Post graduate

Entry Qualification

Bachelor degree

Duration

20 months

End Qualification

Master degree

Scholarships Available

Yes

Working Language

English

Fee

US$ 18,000 for 20 months

Publications

Newsletter of MICRO-ACE (micro computer club for applications in civil engineering)

Research

Computer applications in civil engineering

Future Plans

Distribution of microcomputer software for civil engineers

Available Expertise

Computer application in civil engineering specialist

Major Innovations

THAILAND

Asian Institute of Technology

Address

P.O. Box 2754
BANGKOK 10501
Thailand

Cable: AIT-BANGKOK

Telex: 84276 th

Telephone: 5290100-13

Director: President A. M. North

Contact: Dr. Kanchit Malaivongs

Function

Training, graduate education, research

Programme

Diploma, Master of Engineering, Master of Science, Doctor of Technical Science, Doctor of Engineering, certificate

Level

Master and doctoral

Entry Qualification

B.eng. in electronics, electrical, c sc., math, stat phy. sc., good english

Duration

Master: 20 months, doctor: 3 years, diploma: 8 months

End Qualification

Scholarships Available

Internal scholarships

Working Language

English

Fee

US$ 13,500 for master prog.

Publications

AIT - Research Summary, AIT Prospectus

Research

Information system design, artificial intelligence, statistics

Future Plans

Emphasis on research in software tech., info tech., artificial intelligence

Available Expertise

Software tech., iformation tech., artificial intelligence

Major Innovations

Several software packages

THAILAND

Inst. for the Promotion of Teaching Sc. & Tech.

Address

IPST
924 Sukhumvit Rd.
BANGKOK
Thailand

Cable:

Telex:

Telephone: 3924021-9

Director: Miss Yupa Tanticharoen

Contact: Miss Yupa Tanticharoen

Function

C curriculum & software dev. & implementation. C teacher training

Programme

Introduction to c curriculum at school level

Level

Basic

Entry Qualification

High school teachers

Duration

One to three weeks

End Qualification

Qualified c teachers

Scholarships Available

N/A

Working Language

Thai

Fee

N/A

Publications

Teaching learning materials in c (school level)

Research

Effectiveness of c curriculum implementation in schools

Future Plans

CAL in science & math and development of authoring tools

Available Expertise

Qualified personnel from IPST and other faculty members

Major Innovations

On-the-job training plus audio materials training for teachers

PUBLICATIONS

AUSTRALIA

Technology in Education

Address

CNR Fox Valley Road & Kiogle St
WAHAROONGA
New South Wales
Australia

Cable:

Telex: aa10101 whats new

Telephone: 02 4872700

Editor: Mr. Garry Hardie

Contact

Frequency: 6 times per year

Price: Free to registered readers

Language: English

Level: Tertiary

Purpose

To advise on new technology suitable for educators

Recent articles on computer use in education

Recommended articles

Additional information

CHINA

China Computerworld

Address

P O Box 750
BEIJING
China

Cable: 7500 BEIJING

Telex: 22383 meicn

Telephone: 810044

Editor: Tang Baoxing

Contact Tang Baoxing

Frequency: Semi-monthly

Price: US$2.00

Language: Chinese

Level: General

Purpose

Specialist uses of computers

Recent articles on computer use in education

'A new CAI package for English learning', No.5, March 1985

Recommended articles

A microprocessor-based visual aid
HDL hardware description language and its simulator
A new tool for CAD and CAI

Additional information

CHINA

Chinese Journal of Computers

Address

P O Box 2704
BEIJING
China

Cable: 4615

Telex:

Telephone: 28.3131-546

Editor: Li Fenyi, Jiang Guizhen

Contact Li Fenyi

Frequency: Bimonthly

Price: 1.96 Yuan

Language: Chinese

Level: Technical publication

Purpose

Educational

Recent articles on computer use in education

(1) UTSS - A university timetable scheduling system, by Wang Nengbin & Qian Xianggen, Vol.7, No.5;
(2) SYSTEM C - An integrated multi-functional Chinese Language information processing system, by Zhang Shouxuan, Vol.7, No.6.
(3) Augmentation and reduction for Chinese character images with high resolution, by Wang Xuan,(See Additional Information)

Recommended articles

(1) A Chinese character stroke-encoding system, by Li Jinkai, Vol.4, No.4.
(2) A brief introduction to the computerized Chinese character editing and laser typesetting, by Wang Xuan, Vol.4, No.2.

Additional information

(Continued) Lu Zhimin, Chen Zhumei, Xiang Yang & Tang Yuhai, Vol.7, No.6;
(4) Generation of page layout of Chinese books and newspapers microprocessors, by Wang Xuan, Lu Zhimin, Tang Yuhai & Xiang Yang, Vol.7, No.6.

CHINA

Computer Science

Address

P.O. Box 2104 (CBISTIC)
CHONGQING
China

Cable: 0095 CHONGQING

Telex: 62128 cbist cn

Telephone: 53170

Editor: Rao Sheng-Zhong and Zhu Zhong-Yuan

Contact Rao Sheng-Zhong

Frequency: Bi-monthly

Price: 0.90 Yuan

Language: Chinese

Level: Academic

Purpose

Academic publication

Recent articles on computer use in education

(1) "Prac. and Exp. of Teaching "S-ware tools", No. 2, 1986, (2) "15 Years of Psy. in S-ware Eng.: Individual Diff. and Cognitive Sc.", No. 3, 1986, (3) "Human Factors in S-ware Eng.: a Review of the Lit.",No. 3, 1986 (see Additional Information)

Recommended articles

(1) 'Outline of Operating Systems Curriculum', No.3, 1983 pp 84-87
(2) 'Brief Outline of Important Foreign Natural Language Understanding Systems', No.2, 1984, pp 25-32
(3) 'Application of Artificial Intelligence to Teaching', No.2, 1984, pp 33-34
(4) 'Operating Systems Curriculum Organization', No.3, 1984, pp 78-79

Additional information

(Cont. recent articles) (4) "A Review of the Research & Development of ICAI", No. 4, 1986.

HONG KONG

Asian Computer Directory

Address

Computer Publications Ltd.,
Wilson House, 3 rd Floor,
19 Wyndham Street, Central,
HONG KONG

Cable:	PBPRLTD
Telex:	63567 pbpr hx
Telephone:	(5) 223185
Editor:	Mr. Peter Brindisi
Contact	Mr. Peter Brindisi
Frequency:	Annually
Price:	HK$ 470
Language:	English
Level:	

Purpose

Directory of computer installations & computer companies in Asia

Recent articles on computer use in education

Recommended articles

Additional information

HONG KONG

Asian Computer Monthly

Address

Computer Publications Ltd
Wilson House, 3rd Floor
19 Wyndham Street, Central,
HONG KONG

Cable:	PBPRLTD
Telex:	63567 pbpr hx
Telephone:	(5)223185
Editor:	Mr. Peter Brindisi
Contact	Mr. Peter Brindisi
Frequency:	Monthly
Price:	HK$ 16
Language:	English
Level:	Trade and business

Purpose

Information on computer & related industries

Computers in Education - Inventory

Recent articles on computer use in education

Recommended articles

Additional information

MALAYSIA

Malaysian Journal of Computer Science

Address

Computer Centre
Universiti Malaya
Lembah Pantai
KUALA LUMPUR
Malaysia

Cable: KAWAL UNIVSEL

Telex: ma 37453

Telephone: 555466 Ext 393

Editor: Mr.Raja Noor Ainon

Contact As above

Frequency: Annual

Price:

Language: Malay/English

Level: Tertiary

Purpose

Computer research in universities

Recent articles on computer use in education

Yong Y.H., Yaacob M. and Shariffadeen T.M.A. 'Computer-aided instruction (CAI) -- Courseware development: A state of the art review', Vol.1, No.1

Recommended articles

Additional information

NEW ZEALAND

CCDU Newsletter (Computer Courseware Development Unit)

Address

Curriculum Development Unit,
Deptartment of Education, Private Bag,
WELLINGTON
New Zealand

Cable:

Telex:

Telephone: (04) 735499, Ext. 642

Editor: Messrs. Paul Vincent & Tim Mcmahon

Contact As above

Frequency: 3-4 issues per year

Price:

Language: English

Level:

Purpose

Support c awareness, c studies, courses and service courseware needs

Recent articles on computer use in education

The newsletter will start to include regular articles from 1986 on. No. 7 of 1986 has a short article on computer equity.

Recommended articles

Additional information

The newsletter focuses on courseware development, news on hard- and software development in New Zealand and Australia and contains info on new reading materials on c as well as on training courses in c and courseware packages on sale

NEW ZEALAND

NZ Interface

Address

Private Bag
Newmarket
AUCKLAND
New Zealand

Cable:

Telex: agm ak nz 21057

Telephone: 795393

Editor: Mr. Warren Douglas, Man. Editor

Contact

Frequency: Monthly except January

Price: NZ$ 232.45 as annual subscription

Language: English

Level: Serious users DP and c professionals

Purpose

C applications, info managenent, serious c articles, market trends

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Recent articles on computer use in education

Computer DP training courses, Dec. 85
Educational Micros Think Carefully, Sep. 85
The Educational Software Abyss, Jul. 85
Educational Network CH.CH Polytechnic, June 85

Recommended articles

Additional information

PHILIPPINES

Computer Issues

Address

College of Computer Studies
De La Salle University
2401 Taft Avenue
MANILA
Philippines

Cable:

Telex:

Telephone:	504611
Editor:	Emma Teodoro
Contact	Vic Delfin
Frequency:	4 times per school year
Price:	150 pesos/year
Language:	English
Level:	School

Purpose

Promote computer awareness

Recent articles on computer use in education

Recommended articles

Additional information

PHILIPPINES

EDP Survey

Address

National Computer Center
Camp Aguinaldo
E. de los Santos Ave
QUEZON CITY
Philippines

Cable:

Telex:

Telephone:

Editor:	Corazon D. Lua
Contact	Corazon D. Lua
Frequency:	Publ. approx every 3 years as necessary
Price:	50 pesos
Language:	English
Level:	School, college, higher education

Purpose

Computer training requirements and opportunities

Recent articles on computer use in education

Maximum standard for short-term EDP courses published February 1983

Recommended articles

Additional information

The manual contains standards on curriculum, reasource requirements, admission and completion requirements for short-term EDP courses offered by various institutions

PHILIPPINES

EDP Update

Address

SGV Development Center
De La Rosa corner Perea St
Makati
METRO MANILA

Cable:	CERTIFIED MANILA
Telex:	rca22160 sguph
Telephone:	817-0301
Editor:	Jaime G. del Rosario
Contact	Remy C. Alejandrino
Frequency:	Bimonthly
Price:	Free/clients
Language:	English
Level:	Business publication

Purpose

Recent articles on computer use in education

Recommended articles

Additional information

PHILIPPINES

Student Manual in Program Logic Formulation

Address

National Computer Institute
National Computer Center
Camp Aguinaldo, Edsa
QUEZON CITY
Philippines

Cable:	NCC PHILS
Telex:	
Telephone:	78 15 43, 78 15 33
Editor:	Ma. Teresa P. Abadilla
Contact	NCI Director Aida I. Carrillo
Frequency:	As needed
Price:	Ps 150
Language:	English
Level:	Beginners

Purpose

To teach a student how to develop and design programs using pseudo-codes

Recent articles on computer use in education

Recommended articles

Additional information

THAILAND

Microcomputer

Address

800/43-45 Soi Trakoolsuk
Asoke - Din Dang Rd. Huaykwang
BANGKOK 10400
Thailand

Cable:

Telex: tv581032

Telephone: 246-1615-7

Editor: Rit. Thirakomen B.E. (hons)

Contact The above editor

Frequency: Monthly

Price: Th Bath 25.00

Language: Thai

Level: Hobbyist expert

Purpose

News and technical informations on microcomputer

Recent articles on computer use in education

How to solve grading in school by microcomputer
Computer help in teaching physics etc.

Recommended articles

On educational hardware and software, technical tips etc.

Additional information

THAILAND

Computer Journal

Address

Chulalongkorn University
Alumni Building
Phyathai Road
BANGKOK 10500
Thailand

Cable:

Telex:

Telephone: 2153546

Editor: Dr.Nitaya Kanchanawan

Contact Dr. Nitaya Kanchanawan

Frequency: Bi-monthly

Price: 15 baht

Language: Thai

Level: General

Purpose

Public relation and relationship among members of the C Assoc of Thailand

Recent articles on computer use in education

Recommended articles

Additional information

COMPUTER SOCIETIES

NEW ZEALAND

New Zealand Computer Society

Address

P O Box 12249
WELLINGTON
New Zealand

Cable

Telex:

Telephone: (64)(4) 731043

Chairperson: Dr C.R. Boswell

Contact: Executive Director

Function

Society for the computer professional

Programme:

Promotion of professional standards in the computer industry, encouraging the development of special interest groups and supporting educational computing at all levels.

Level

Professional

Entry Qualification

University/other tertiary qual.; experience; interview

Available Scholarships

Working Language

English

Fee

Innovative programmes promoted by the Association/Society

Setting up New Zealand Computer Education Society;
Participation in Department of Education committies

Additional Information

Currently engaged in up-dating 'Micro-Which'; First published in 1980 to give guidance to the selection of microcomputers in schools.

PHILIPPINES

Information Technology Association of the Philippines

Address

3/F ARCO Building
196 Salcedo Street
Makati
METRO MANILA
Philippines

Cable

Telex: 63968 dpp pn

Telephone: 817-8477

Chairperson: Mr Augusto Lagman

Contact: Augusto C. Lagman

Function

Trade association

Programme:

Level

Entry Qualification

Available Scholarships

Working Language

Fee

n.a.

Innovative programmes promoted by the Association/Society

Supports the policies recommended by the education sector to the government

Additional Information

PHILIPPINES

Philippine Association of Collegiate Schools of Business (PACSB)

Address

General Secretariat
c/o Jose Rizal College
80 Shaw Boulevard
Mandaluyong,
METRO MANILA
Philippines

Cable

Telex:

Telephone: 70-11-71

Chairperson: Jose D. Baltazar (President)

Contact: Jose D. Baltazar

Function

Curriculum & faculty development

Programme:

Integrates computer subjects in the business curriculum

Level

Undergraduate, graduate

Entry Qualification

Government recognized schools offering business programmes

Available Scholarships

Through member schools

Working Language

English

Fee

Innovative programmes promoted by the Association/Society

(1) Development of 6-unit course in computers to be required by all business students regardless of major
(2) Assistance in development of computer offerings as a major

Additional Information

PHILIPPINES

Philippine Computer Educationists Society (PCES)

Address

Rm. 718 Rufino Building
Ayala Avenue corner Herrera Street
Makati
METRO MANILA
Philippines

Cable

Telex: 45405/45001txboothpm

Telephone: 89-28-23/86-88-50

Chairperson: Mr Vince Vargas

Contact: Mr Vince Vargas

Function

Professional Development

Programme:

Geared towards encouragement/promotion of interchange of c technology information; increasing teaching competence of members; assisting & supporting students in c education

Level

Technical/professional

Entry Qualification

College graduate

Available Scholarships

Variable

Working Language

English

Fee

Free/variable

Innovative programmes promoted by the Association/Society

(1) Adopting a public school to train teachers how to teach computer courses
(2) Initiating nationwide training programme in co-ordination with Education Ministry, Manpower & Youth Council, Technology Resource Center
(3) Conducting college/university seminars in computer literacy

Additional Information

PHILIPPINES

Philippine Computer Society

Address

Ground Floor
Vernida I Bldg.
Amorsolo Street, Makati
METRO MANILA
Philippines

Cable

Telex:

Telephone:

Chairperson: Baltazar N. Endriga (Pres.)

Contact:

Function

Promoting computer literacy and awareness

Programme:

Largest aggregation of computer professionals in the country. Sponsors trade shows, exhibits, monthly technical sessions, professional development seminars and computer conferences.

Level

Entry Qualification

Available Scholarships

Working Language

Fee

Innovative programmes promoted by the Association/Society

Additional Information

Annex A

SPECIFICATIONS FOR INVENTORY ENTRIES

The entries for this Inventory of Computers in Education are kept on an IBM Displaywriter. The file allows only a limited number of typewritten characters and spaces per entry. When preparing your entry please refer to the sub-headings below. The figure beside each sub-heading represents the number of typewritten characters and spaces you may use in your entry.

TRAINING INSTITUTIONS		PUBLICATIONS		COMPUTER SOCIETIES	
Country	35	Country	35	Country	35
Institution	50	Publication	80	Society	70
Address	125	Address	125	Address	125
Cable	20	Cable	20	Cable	20
Telex	20	Telex	20	Telex	20
Telephone	20	Telephone	20	Telephone	20
Director	35	Editor	35	Chairperson	35
Contact	35	Contact	35	Contact	35
Function	80	Frequency	50	Function	60
Programme	200	Price	40	Programme	250
Level	50	Language	30	Level	30
Entry Qualification	75	Level	45	Entry Qualification	60
Duration	75	Purpose	80	Available Scholarships	60
End Qualification	75	Recent articles on ...	350	Working Language	30
Scholarships Available	120	Recommended articles	350	Fee	30
Working Language	30	Additional Information	300	Innovative programmes	300
Fee	75			Additional Information	250
Publications	200				
Research	150				
Future Plans	115				
Available Expertise	115				
Major Innovations	100				

LIST OF SELECTED APEID PUBLICATIONS RELATING TO COMPUTERS IN EDUCATION

Computers in education – an outline of country experiences. 1985

Developing computer use in education: Guidelines, trends and issues. 1986

The Asia and Pacific Programme of Educational Innovation for Development (APEID) has as its primary goal to contribute to the building of national capabilities for undertaking educational innovations linked to the problems of national development, thereby improving the quality of life of the people in the Member States.

All projects and activities within the framework of APEID are designed, developed and implemented co-operatively by the participating Member States through over one hundred national centres which they have associated for this purpose with APEID.

The 25 Member States participating in APEID are Afghanistan, Australia, Bangladesh, China, Fiji, India, Indonesia, Iran, Japan, Lao People's Democratic Republic, Malaysia, Maldives, Nepal, New Zealand, Pakistan, Papua New Guinea, Philippines, Republic of Korea, Samoa, Socialist Republic of Viet Nam, Sri Lanka, Thailand, Tonga, Turkey and Union of Soviet Socialist Republics.

Each country has set up a National Development Group (NDG) to identify and support educational innovations for development within the country and facilitate exchange between countries.

The Asian Centre of Educational Innovation for Development (ACEID), an integral part of the Unesco Regional Office for Education in Asia and the Pacific in Bangkok, co-ordinates the activities under APEID and assists the Associated Centres (AC) in carrying them out.

The programme areas under which the APEID activities are organized during the third cycle (1982-1986) are:

1. Universalization of education: access to education at first level by both formal and non-formal means;
2. Education for promotion of scientific and technological; competence and creativity;
3. Education and work;
4. Education and rural development;
5. Educational technology with stress on mass media and low-cost instructional materials;
6. Professional support services and training of educational personnel;
7. Co-operative studies and innovative projects of research and research-based experimentation related to educational development.